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CLAIMS

1. Vehicle door comprising:
- a door structure consisting of an outer wall (3) and of a lower wall (4) and lateral walls (5, 6) and which is open towards the inside of the vehicle,
  - an equipment support which can be fixed to the door structure, comprising already mounted equipment such as the window glass, the window lifter mechanism, the window lifter motor and the like, and which essentially supports equipment which is decisive in terms of weight and/or which exerts and/or transmits forces,
  - an interior trim lining,
- characterized in that the equipment support comprises at least one region in the form of a double-shell box structure, resistant to warping, with two continuous walls which are spaced apart and parallel to the outer wall of the door, and in that the outer surface of the box structure facing towards the outer door wall (3) is parallel and close to a line (F) along which the window, which can be dropped down into the space between the outer wall (3) of the door and the said surface of the box structure moves, and in that the inner surface of the box structure facing towards the inside of the vehicle is equipped with attachment means for mounting the equipment destined for the inside of the vehicle, such as the door handle, loudspeakers or the like.
2. Vehicle door according to Claim 1, characterized in that the line of movement (F) and the surface of the box structure parallel to it are curved.
3. Vehicle door according to <sup>claim 1</sup> ~~claims 1 or 2~~, characterized in that the equipment support is made up of two shaped parts (8, 12).
4. Vehicle door according to Claim 3, characterized in that the shaped parts (8, 12) have rather similar dimensions and are fixed firmly together around their entire periphery.

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5. Vehicle door according to Claim 3, characterized in that one of the two shaped parts (12) has smaller dimensions than the other shaped part (8).

6. Vehicle door according to Claim 1 ~~or 2~~,  
5 characterized in that the equipment support is made as  
a single piece and in that the region in the form of a  
box structure has openings or recesses for installing  
equipment.

7. Vehicle door according to Claim 6,  
10 characterized in that the openings or recesses are  
provided only on that side of the box structure-shaped  
region that faces towards the inside of the vehicle.

8. Vehicle door according to <sup>claim</sup> ~~one of the preceding~~  
~~claims~~, characterized in that a body of foam (20) is  
15 placed in a hollow (22) of the equipment support in  
order to afford side impact protection.

9. Vehicle door according to Claim 1,  
characterized in that the wall of the equipment support  
which faces towards the inside of the vehicle is  
20 designed according to stylistic ideas of the day.

add  
B2

add  
C3

add  
D4

add  
E8